

## INDEX TO VOLUME 356 (2004)

- Abe, Toshiyuki; Buhl, Geoffrey; and Dong, Chongying. *Rationality, regularity, and  $C_2$ -cofiniteness*, 3391
- Adolphson, Alan and Sperber, Steven. *Exponential sums on  $\mathbf{A}^n$ , II*, 345
- Aftalion, Amandine and Pacella, Filomena. *Morse index and uniqueness for positive solutions of radial  $p$ -Laplace equations*, 4255
- Agler, Jim and Young, N. J. *The two-by-two spectral Nevanlinna-Pick problem*, 573
- Aguiar, Marcelo; Bergeron, Nantel; and Nyman, Kathryn. *The peak algebra and the descent algebras of types B and D*, 2781
- Aldroubi, Akram; Larson, David; Tang, Wai-Shing; and Weber, Eric. *Geometric aspects of frame representations of abelian groups*, 4767
- Amann, H. and Quittner, P. *Semilinear parabolic equations involving measures and low regularity data*, 1045
- Anttila, Milla; Ball, Keith; and Perissinaki, Irini. *Erratum to "The central limit problem for convex bodies"*, 2137
- Ara, P.; O'Meara, K. C.; and Perera, F. *Gromov translation algebras over discrete trees are exchange rings*, 2067
- Auinger, K. and Steinberg, B. *The geometry of profinite graphs with applications to free groups and finite monoids*, 805
- Baconneau, Olivier and Lunardi, Alessandra. *Smooth solutions to a class of free boundary parabolic problems*, 987
- Bahturin, Yu. A. and Zaicev, M. V. *Identities of graded algebras and codimension growth*, 3939
- Ball, Keith. *See* Anttila, Milla
- Barbatis, G.; Filippas, S.; and Tertikas, A. *A unified approach to improved  $L^p$  Hardy inequalities with best constants*, 2169
- Barlow, Martin T. and Bass, Richard F. *Stability of parabolic Harnack inequalities*, 1501
- Bass, Richard F. *See* Barlow, Martin T.
- Belgun, Florin Alexandru. *On the Weyl tensor of a self-dual complex 4-manifold*, 853
- Beneish, Esther. *Lattice invariants and the center of the generic division ring*, 1609
- Benson, David; Krause, Henning; and Schwede, Stefan. *Realizability of modules over Tate cohomology*, 3621
- Bergeron, Nantel. *See* Aguiar, Marcelo
- Betsakos, Dimitrios. *Symmetrization, symmetric stable processes, and Riesz capacities*, 735
- . *Addendum to "Symmetrization, symmetric stable processes, and Riesz capacities"*, 3821
- Bharali, Gautam. *On peak-interpolation manifolds for  $A(\Omega)$  for convex domains in  $\mathbb{C}^n$* , 4811
- Bhattacharya, Siddhartha. *Expansiveness of algebraic actions on connected groups*, 4687
- Bhattacharyya, Tirthankar. *See* Rajarama Bhat, B. V.
- Biagioli, Riccardo. *Closed product formulas for extensions of generalized Verma modules*, 159
- Binding, Paul and Košir, Tomaž. *Root vectors for geometrically simple two-parameter eigenvalues*, 1705
- Biswas, Indranil and Subramanian, S. *Flat holomorphic connections on principal bundles over a projective manifold*, 3995
- Blokh, Alexander and Oversteegen, Lex. *Backward stability for polynomial maps with locally connected Julia sets*, 119
- Bobenko, Alexander I. and Springborn, Boris A. *Variational principles for circle patterns and Koebe's theorem*, 659
- Boffi, Giandomenico and Buchsbaum, David A. *Homotopy equivalence of two families of complexes*, 3077
- Bonfiglioli, Andrea; Lanconelli, Ermanno; and Uguzzoni, Francesco. *Fundamental solutions for non-divergence form operators on stratified groups*, 2709
- Boulanger, Jacques and Chabert, Jean-Luc. *On the representation of integers as linear combinations of consecutive values of a polynomial*, 5071
- Bourdon, P. S.; Fry, E. E.; Hammond, C.; and Spofford, C. H. *Norms of linear-fractional composition operators*, 2459
- Bowman, Douglas and Mc Laughlin, James. *On the divergence of the Rogers-Ramanujan continued fraction on the unit circle*, 3325
- Braun, Rüdiger W.; Meise, Reinhold; and Taylor, B. A. *The geometry of analytic varieties satisfying the local Phragmén-Lindelöf condition and a geometric characterization of the partial differential operators that are surjective on  $A(\mathbb{R}^4)$* , 1315

- Brenner, Holger. *Slopes of vector bundles on projective curves and applications to tight closure problems*, 371
- Buchsbaum, David A. See Boffi, Giandomenico
- Buhl, Geoffrey. See Abe, Toshiyuki
- Cairns, Grant and Jessup, Barry. *Cohomology operations for Lie algebras*, 1569
- Carlson, James A. and Toledo, Domingo. *Generic integral manifolds for weight two period domains*, 2241
- Casanellas, M. *Uniqueness of varieties of minimal degree containing a given scheme*, 1875
- Cellina, Arrigo. *The classical problem of the calculus of variations in the autonomous case: Relaxation and Lipschitzianity of solutions*, 415
- Chabert, Jean-Luc. See Boulanger, Jacques
- Chamizo, Fernando. *Automorphic forms and differentiability properties*, 1909
- Chaocha, Phichet. *Splitting criteria for homotopy functors of spectra*, 1271
- Charney, Ruth. *The Deligne complex for the four-strand braid group*, 3881
- Chen, Fengxin. *An extended urn model with application to approximation*, 3505
- Choe, Boo Rim; Koo, Hyungwoon; and Lee, Young Joo. *Commuting Toeplitz operators on the polydisk*, 1727
- Cleary, Sean and Taback, Jennifer. *Combinatorial properties of Thompson's group  $F$* , 2825
- Cluckers, Raf. *Analytic  $p$ -adic cell decomposition and integrals*, 1489
- Coelho, Zaqueu. *The loss of tightness of time distributions for homeomorphisms of the circle*, 4427
- Colding, Tobias H. and Minicozzi, William P., II. *Embedded minimal disks: Proper versus nonproper—global versus local*, 283
- Colman, Hellen and Hurder, Steven.  *$LS$ -category of compact Hausdorff foliations*, 1463
- Comech, Andrew.  *$L^p \rightarrow L^q$  regularity of Fourier integral operators with caustics*, 3429
- Conca, Aldo. *Koszul homology and extremal properties of  $Gin$  and  $Lex$* , 2945
- Conlon, Joseph G. *Green's functions for elliptic and parabolic equations with random coefficients II*, 4085
- Conti, Monica; Terracini, Susanna; and Verzini, Gianmaria. *Infinitely many solutions to fourth order superlinear periodic problems*, 3283
- Corneli, Joseph; Holt, Paul; Lee, George; Leger, Nicholas; Schoenfeld, Eric; and Steinhurst, Benjamin. *The double bubble problem on the flat two-torus*, 3769
- Cortel, Sylvie and Lovejoy, Jeremy. *Overpartitions*, 1623
- Cutkosky, Steven Dale; Herzog, Jürgen; and Reguera, Ana. *Poincaré series of resolutions of surface singularities*, 1833
- Dacorogna, Bernard and Marcellini, Paolo. *Viscosity solutions, almost everywhere solutions and explicit formulas*, 4643
- Damanik, David. *A version of Gordon's theorem for multi-dimensional Schrödinger operators*, 495
- Debs, Gabriel and Saint Raymond, Jean. *Compact covering mappings between Borel sets and the size of constructible reals*, 73
- Dey, Santanu. See Rajarama Bhat, B. V.
- Díaz, Raquel and Series, Caroline. *Examples of pleating varieties for twice punctured tori*, 621
- Dimitrov, Ivan; Mathieu, Olivier; and Penkov, Ivan. *Errata to "On the structure of weight modules"*, 3403
- Di Rocco, Sandra and Sommese, Andrew J. *Chern numbers of ample vector bundles on toric surfaces*, 587
- Dolgopyat, Dmitry. *Limit theorems for partially hyperbolic systems*, 1637
- Donatelli, Donatella and Marcati, Pierangelo. *Convergence of singular limits for multi- $D$  semilinear hyperbolic systems to parabolic systems*, 2093
- Dong, Chongying. See Abe, Toshiyuki
- Durán, C. E.; Mendoza, A.; and Rigas, A. *Blakers-Massey elements and exotic diffeomorphisms of  $S^6$  and  $S^{14}$  via geodesics*, 5025
- Džamonja, Mirna. See Moore, Justin Tatch
- Ehm, Werner; Gneiting, Tilmann; and Richards, Donald. *Convolution roots of radial positive definite functions with compact support*, 4655
- Einsiedler, Manfred and Lind, Douglas. *Algebraic  $\mathbb{Z}^d$ -actions of entropy rank one*, 1799

# INDEX TO VOLUME 356 (2004)

- Elduque, Alberto. *A modified Brauer algebra as centralizer algebra of the unitary group*, 3963
- van den Essen, Arno and van Rossum, Peter. *Coordinates in two variables over a  $\mathbb{Q}$ -algebra*, 1691
- Etgü, Tolga and Park, B. Doug. *Non-isotopic symplectic tori in the same homology class*, 3739
- Farah, Ilijas. *Luzin gaps*, 2197
- Farnsteiner, Rolf. *Varieties of tori and Cartan subalgebras of restricted Lie algebras*, 4181
- Feichtinger, Hans G. and Kaiblinger, Norbert. *Varying the time-frequency lattice of Gabor frames*, 2001
- Fernando, José F.; Ruiz, Jesús M.; and Scheiderer, Claus. *Sums of squares in real rings*, 2663
- Filippas, S. *See Barbatis, G.*
- Frigerio, Roberto and Petronio, Carlo. *Construction and recognition of hyperbolic 3-manifolds with geodesic boundary*, 3243
- Fry, E. E. *See Bourdon, P. S.*
- Fukuhara, Shinji and Yui, Noriko. *Elliptic Apostol sums and their reciprocity laws*, 4237
- Gálvez, José Antonio; Martínez, Antonio; and Milán, Francisco. *Complete linear Weingarten surfaces of Bryant type. A Plateau problem at infinity*, 3405
- Garaev, Moubariz Z.; Luca, Florian; and Shparlinski, Igor E. *Character sums and congruences with  $n!$* , 5089
- Gaubert, Stéphane and Gunawardena, Jeremy. *The Perron-Frobenius theorem for homogeneous, monotone functions*, 4931
- Gavrilov, Lubomir and Iliev, Iliya D. *Complete hyperelliptic integrals of the first kind and their non-oscillation*, 1185
- Gazzola, Filippo; Grunau, Hans-Christoph; and Mitidieri, Enzo. *Hardy inequalities with optimal constants and remainder terms*, 2149
- Gille, Philippe. *Spécialisation de la  $R$ -équivalence pour les groupes réductifs*, 4465
- Gillespie, James. *The flat model structure on  $\mathbf{Ch}(R)$* , 3369
- Girondo, Ernesto and González-Diez, Gabino. *On a conjecture of Whittaker concerning uniformization of hyperelliptic curves*, 691
- Giudici, Michael; Li, Cai Heng; and Praeger, Cheryl E. *Analysing finite locally  $s$ -arc transitive graphs*, 291
- Gneiting, Tilmann. *See Ehm, Werner*
- Goldin, R. F. and Holm, T. S. *Real loci of symplectic reductions*, 4623
- Gonzalez, Fulton B. and Kakehi, Tomoyuki. *Dual Radon transforms on affine Grassmann manifolds*, 4161
- González-Diez, Gabino. *See Girondo, Ernesto*
- González-Meneses, Juan and Paris, Luis. *Vassiliev invariants for braids on surfaces*, 219
- Gorodnik, Alexander. *Oppenheim conjecture for pairs consisting of a linear form and a quadratic form*, 4447
- Gorodski, Claudio; Olmos, Carlos; and Tojeiro, Ruy. *Copolarity of isometric actions*, 1585
- Grunau, Hans-Christoph. *See Gazzola, Filippo*
- Guerini, Pierre and Savo, Alessandro. *Eigenvalue and gap estimates for the Laplacian acting on  $p$ -forms*, 319
- Gui, Changfeng and Kang, Xiaosong. *Localization for a porous medium type equation in high dimensions*, 4273
- Gunawardena, Jeremy. *See Gaubert, Stéphane*
- Guralnick, R. M.; Li, Cai Heng; Praeger, Cheryl E.; and Saxl, J. *On orbital partitions and exceptionality of primitive permutation groups*, 4857
- Guralnick, Robert M. and Tiep, Pham Huu. *Cross characteristic representations of even characteristic symplectic groups*, 4969
- Haas, Andrew and Molnar, David. *Metrical diophantine approximation for continued fraction like maps of the interval*, 2851
- Haertzen, Kevin; Kong, Qingkai; Wu, Hongyou; and Zettl, Anton. *Geometric aspects of Sturm-Liouville problems II. Space of boundary conditions for left-definiteness*, 135
- Hammond, C. *See Bourdon, P. S.*
- Harman, G.; Kumchev, A.; and Lewis, P. A. *The distribution of prime ideals of imaginary quadratic fields*, 599

- Hauswirth, Laurent; Pérez, Joaquín; Romon, Pascal; and Ros, Antonio. *The periodic isoperimetric problem*, 2025
- Hebda, James J. and Tsau, Chichen M. *Framings of knots satisfying differential relations*, 267
- Helton, J. William and McCullough, Scott A. *A positivstellensatz for non-commutative polynomials*, 3721
- Hemmi, Yutaka and Kawamoto, Yusuke. *Higher homotopy commutativity of  $H$ -spaces and the permuto-associahedra*, 3823
- Henriques, Andre and Metzler, David S. *Presentations of noneffective orbifolds*, 2481
- Herzog, Jürgen. *See* Cutkosky, Steven Dale
- Hirschorn, James. *Random gaps under  $CH$* , 1281
- Hoffmann, Detlev W. and Laghribi, Ahmed. *Quadratic forms and Pfister neighbors in characteristic 2*, 4019
- Holm, T. S. *See* Goldin, R. F.
- Holroyd, Alexander E.; Liggett, Thomas M.; and Romik, Dan. *Integrals, partitions, and cellular automata*, 3349
- Holt, Paul. *See* Corneli, Joseph
- Hoornaert, Kathleen. *Newton polyhedra, unstable faces and the poles of Igusa's local zeta function*, 1751
- Hrušák, Michael. *See* Moore, Justin Tatch
- Hsia, Liang-Chung and Wang, Julie Tzu-Yueh. *The ABC theorem for higher-dimensional function fields*, 2871
- Hu, Zejun and Li, Haizhong. *A new variational characterization of  $n$ -dimensional space forms*, 3005
- Hurder, Steven. *See* Colman, Hellen
- Hyry, Eero and Smith, Karen E. *Core versus graded core, and global sections of line bundles*, 3143
- Ile, Runar. *Change of rings in deformation theory of modules*, 4873
- Iliev, Iliya D. *See* Gavrilov, Lubomir
- Isaacs, I. M. *Character degree graphs and normal subgroups*, 1155
- Jessup, Barry. *See* Cairns, Grant
- Jiang, Boju; Ni, Yi; and Wang, Shicheng. *3-manifolds that admit knotted solenoids as attractors*, 4371
- Jockusch, Carl G., Jr.; Li, Angsheng; and Yang, Yue. *A join theorem for the computably enumerable degrees*, 2557
- Johnson, B. and McCarthy, R. *Deriving calculus with cotriples*, 757
- Jones, Roger L. and Wang, Gang. *Variation inequalities for the Fejér and Poisson kernels*, 4493
- Kaiblinger, Norbert. *See* Feichtinger, Hans G.
- Kaiser, Uwe. *Quantum deformations of fundamental groups of oriented 3-manifolds*, 3869
- Takehi, Tomoyuki. *See* Gonzalez, Fulton B.
- Kaliman, Shulim; Vénéreau, Stéphane; and Zaidenberg, Mikhail. *Simple birational extensions of the polynomial algebra  $\mathbb{C}^3$* , 509
- Kallel-Jallouli, Saoussen. *Existence of local sufficiently smooth solutions to the complex Monge-Ampère equation*, 3227
- Kang, Seok-Jin; Kim, Jeong-Ah; Lee, Hyeonmi; and Shin, Dong-Uy. *Young wall realization of crystal bases for classical Lie algebras*, 2349
- Kang, Xiaosong. *See* Gui, Changfeng
- Kantor, William M. and Williams, Michael E. *Symplectic semifield planes and  $\mathbb{Z}_4$ -linear codes*, 895
- Katsura, Takeshi. *A class of  $C^*$ -algebras generalizing both graph algebras and homeomorphism  $C^*$ -algebras I, fundamental results*, 4287
- Kawamoto, Yusuke. *See* Hemmi, Yutaka
- Kim, Jeong-Ah. *See* Kang, Seok-Jin
- King, Simon A. *How to make a triangulation of  $S^3$  polytopal*, 4519
- Kisielewicz, Andrzej. *Definability in the lattice of equational theories of commutative semi-groups*, 3483
- Kleshchev, Alexander S. and Tiep, Pham Huu. *On restrictions of modular spin representations of symmetric and alternating groups*, 1971

# INDEX TO VOLUME 356 (2004)

- Klingenberg, Wilhelm P. A. *Poincaré's closed geodesic on a convex surface*, 2545
- Kong, Qingkai. *See* Haertzen, Kevin
- Koo, Hyungwoon. *See* Choe, Boo Rim
- Kopachevsky, N. D.; Mennicken, R.; Pashkova, Ju. S.; and Tretter, C. *Complete second order linear differential operator equations in Hilbert space and applications in hydrodynamics*, 4737
- Košir, Tomaž. *See* Binding, Paul
- Krause, Henning. *See* Benson, David
- Krön, Bernhard and Teufl, Elmar. *Asymptotics of the transition probabilities of the simple random walk on self-similar graphs*, 393
- Kucеровsky, Dan. *Extensions contained in ideals*, 1025
- Kuhlmann, Franz-Viktor. *Value groups, residue fields, and bad places of rational function fields*, 4559
- Kumchev, A. *See* Harman, G.
- Laghribi, Ahmed. *See* Hoffmann, Detlev W.
- Lanconelli, Ermanno. *See* Bonfiglioli, Andrea
- Lanteri, Antonio; Palleschi, Marino; and Sommese, Andrew J. *On the adjunction mapping of very ample vector bundles of corank one*, 2307
- Larson, David. *See* Aldroubi, Akram
- Lassalle, Michel. *Jack polynomials and some identities for partitions*, 3455
- Lee, George. *See* Corneli, Joseph
- Lee, Hyeonmi. *See* Kang, Seok-Jin
- Lee, Young Joo. *See* Choe, Boo Rim
- Leger, Nicholas. *See* Corneli, Joseph
- Lerman, Eugene. *Homotopy groups of K-contact toric manifolds*, 4075
- Leung, Ka Hin; Ma, Siu Lun; and Schmidt, Bernhard. *Nonexistence of abelian difference sets: Lander's conjecture for prime power orders*, 4343
- Lewis, P. A. *See* Harman, G.
- Li, Angsheng. *See* Jockusch, Carl G., Jr.
- Li, Cai Heng. *See* Giudici, Michael
- . *See* Guralnick, R. M.
- Li, Haizhong. *See* Hu, Zejun
- Li, Wei-Ping; Qin, Zhenbo; and Wang, Weiqiang. *Ideals of the cohomology rings of Hilbert schemes and their applications*, 245
- Liang, Jin. *See* Xiao, Ti-Jun
- Liggett, Thomas M. *See* Holroyd, Alexander E.
- Lima-Filho, Paulo. *See* dos Santos, Pedro F.
- Lin, Huaxin. *A separable Brown-Douglas-Fillmore theorem and weak stability*, 2889
- Lind, Douglas. *See* Einsiedler, Manfred
- Löbus, Jörg-Uwe. *A class of processes on the path space over a compact Riemannian manifold with unbounded diffusion*, 3751
- Loeb, Peter A.; Osswald, Horst; Sun, Yeneng; and Zhang, Zhixiang. *Uncorrelatedness and orthogonality for vector-valued processes*, 3209
- Lohoué, Noël and Mustapha, Sami. *Sur les transformées de Riesz dans le cas du Laplacien avec drift*, 2139
- López, Francisco J. *Some Picard theorems for minimal surfaces*, 703
- López, José L. and Temme, Nico M. *Multi-point Taylor expansions of analytic functions*, 4323
- Lovejoy, Jeremy. *See* Corteel, Sylvie
- Lü, Zhi. *Semi-linear homology G-spheres and their equivariant inertia groups*, 61
- . *Involutions fixing  $\mathbb{RP}^{\text{odd}} \sqcup P(h, i)$ , II*, 1291
- Luca, Florian. *See* Garaev, Moubariz Z.
- Lunardi, Alessandra. *See* Bacconneau, Olivier
- Lutwak, Erwin; Yang, Deane; and Zhang, Gaoyong. *On the  $L_p$ -Minkowski problem*, 4359
- Ma, Siu Lun. *See* Leung, Ka Hin
- Madych, W. R. *Radon's inversion formulas*, 4475
- Majumdar, Anita and Mukherjee, Goutam. *Dialgebra cohomology as a G-algebra*, 2443
- Marcati, Pierangelo. *See* Donatelli, Donatella

# INDEX TO VOLUME 356 (2004)

- Marcellini, Paolo. *See* Dacorogna, Bernard
- Martín, Francisco and Morales, Santiago. *On the asymptotic behavior of a complete bounded minimal surface in  $\mathbb{R}^3$* , 3985
- Martínez, Antonio. *See* Gálvez, José Antonio
- Martins, J. C. Canille. *See* Neto, A. Lins
- Masuda, Kayo. *Nonlinearizable actions of dihedral groups on affine space*, 3545
- Mathieu, Olivier. *See* Dimitrov, Ivan
- Matone, Marco. *Eigenfunctions of the Laplacian acting on degree zero bundles over special Riemann surfaces*, 2989
- Mauger, Justin M. *The cohomology of certain Hopf algebras associated with p-groups*, 3301
- McCarthy, John E. *Hilbert spaces of Dirichlet series and their multipliers*, 881
- McCarthy, R. *See* Johnson, B.
- McCullough, Scott A. *See* Helton, J. William
- Mc Laughlin, James. *See* Bowman, Douglas
- Meise, Reinhold. *See* Braun, Rüdiger W.
- Mendoza, A. *See* Durán, C. E.
- Mennicken, R. *See* Kopachevsky, N. D.
- Metcalfe, Jason L. *Global Strichartz estimates for solutions to the wave equation exterior to a convex obstacle*, 4839
- Metzler, David S. *See* Henriques, Andre
- Milán, Francisco. *See* Gálvez, José Antonio
- Miller, Alica and Rosenblatt, Joseph. *Characterizations of regular almost periodicity in compact minimal abelian flows*, 4909
- Miller, Russell G.; Nies, Andre O.; and Shore, Richard A. *The  $\forall\exists$ -theory of  $\mathcal{R}(\leq, \vee, \wedge)$  is undecidable*, 3025
- Minicozzi, William P., II. *See* Colding, Tobias H.
- Mitidieri, Enzo. *See* Gazzola, Filippo
- Moekel, Richard. *Isolating blocks near the collinear relative equilibria of the three-body problem*, 4395
- Molnar, David. *See* Haas, Andrew
- Moore, Justin Tatch; Hrušák, Michael; and Džamonja, Mirna. *Parametrized  $\diamond$  principles*, 2281
- Moosa, Rahim. *A nonstandard Riemann existence theorem*, 1781
- Morales, Santiago. *See* Martín, Francisco
- Morris, Dave Witte. *See* Oh, Hee
- Mossel, Elchanan. *Phase transitions in phylogeny*, 2379
- Mukherjee, Goutam. *See* Majumdar, Anita
- Mundici, Daniele. *Simple Bratteli diagrams with a Gödel-incomplete  $C^*$ -equivalence problem*, 1937
- Mustapha, Sami. *See* Lohoué, Noël
- Nagy, Paul-Andi and Vernicos, Constantin. *The length of harmonic forms on a compact Riemannian manifold*, 2501
- Neto, A. Lins and Martins, J. C. Canille. *Hermitian metrics inducing the Poincaré metric, in the leaves of a singular holomorphic foliation by curves*, 2963
- Ni, Yi. *See* Jiang, Boju
- Nieminen, Pekka J. and Saksman, Eero. *Boundary correspondence of Nevanlinna counting functions for self-maps of the unit disc*, 3167
- Nies, Andre O. *See* Miller, Russell G.
- Nistor, Victor and Troitsky, Evgenij. *An index for gauge-invariant operators and the Dixmier-Douady invariant*, 185
- Nossem, Nicole. *See* Sharp, Rodney Y.
- Nyman, Kathryn. *See* Aguiar, Marcelo
- Oh, Hee and Morris, Dave Witte. *Cartan-decomposition subgroups of  $SO(2, n)$* , 1
- Olmos, Carlos. *See* Gorodski, Claudio
- O'Meara, K. C. *See* Ara, P.
- Osswald, Horst. *See* Loeb, Peter A.
- Oversteegen, Lex. *See* Blokh, Alexander
- Pacella, Filomena. *See* Aftalion, Amandine



- Pacienza, Gianluca. *Subvarieties of general type on a general projective hypersurface*, 2649
- Padrón, Víctor. *Effect of aggregation on population recovery modeled by a forward-backward pseudoparabolic equation*, 2739
- Palleschi, Marino. *See* Lanteri, Antonio
- Pan, Xing-Bin. *Surface superconductivity in 3 dimensions*, 3899
- Paneah, Boris. *Dynamical approach to some problems in integral geometry*, 2757
- Paoletti, Roberto. *Szegő kernels and finite group actions*, 3069
- Paris, Luis. *See* González-Meneses, Juan
- Park, B. Doug. *See* Etgü, Tolga
- Pascucci, Andrea and Polidoro, Sergio. *On the Harnack inequality for a class of hypoelliptic evolution equations*, 4383
- Pashkova, Ju. S. *See* Kopachevsky, N. D.
- Penkov, Ivan. *See* Dimitrov, Ivan
- Perera, F. *See* Ara, P.
- Pérez, Joaquín. *See* Hauswirth, Laurent
- Perissinaki, Irini. *See* Anttila, Milla
- Petronio, Carlo. *See* Frigerio, Roberto
- Polidoro, Sergio. *See* Pascucci, Andrea
- Postnikov, Alexander and Shapiro, Boris. *Trees, parking functions, syzygies, and deformations of monomial ideals*, 3109
- Praeger, Cheryl E. *See* Giudici, Michael
- . *See* Guralnick, R. M.
- Przebinda, Tomasz. *A Capelli Harish-Chandra homomorphism*, 1121
- Przytycki, Józef H. and Yasuhara, Akira. *Linking numbers in rational homology 3-spheres, cyclic branched covers and infinite cyclic covers*, 3669
- Qin, Zhenbo. *See* Li, Wei-Ping
- Quittner, P. *See* Amann, H.
- Rabier, Patrick J. *Asymptotic behavior of the solutions of linear and quasilinear elliptic equations on  $\mathbb{R}^N$* , 1889
- Raeburn, Iain and Szymański, Wojciech. *Cuntz-Krieger algebras of infinite graphs and matrices*, 39
- Rajarama Bhat, B. V.; Bhattacharyya, Tirthankar; and Dey, Santanu. *Standard noncommuting and commuting dilations of commuting tuples*, 1551
- Rebello, Julio C. *Subgroups of  $\text{Diff}_+^\infty(\mathbb{S}^1)$  acting transitively on 4-tuples*, 4543
- Reguera, Ana. *See* Cutkosky, Steven Dale
- Richards, Donald. *See* Ehm, Werner
- Rigas, A. *See* Durán, C. E.
- Ritoré, Manuel and Rosales, César. *Existence and characterization of regions minimizing perimeter under a volume constraint inside Euclidean cones*, 4601
- Romik, Dan. *See* Holroyd, Alexander E.
- Romon, Pascal. *See* Hauswirth, Laurent
- Ros, Antonio. *See* Hauswirth, Laurent
- Rosales, César. *See* Ritoré, Manuel
- Rosenblatt, Joseph. *See* Miller, Alicia
- van Rossum, Peter. *See* van den Essen, Arno
- Rotger, Victor. *Modular Shimura varieties and forgetful maps*, 1535
- Ru, Min and Wang, Julie Tzu-Yueh. *Truncated second main theorem with moving targets*, 557
- Rubin, Boris. *Radon transforms on affine Grassmannians*, 5045
- Ruiz, Jesús M. *See* Fernando, José F.
- Sachkov, Yuri L. *Symmetries of flat rank two distributions and sub-Riemannian structures*, 457
- Saint Raymond, Jean. *See* Debs, Gabriel
- Saksman, Eero. *See* Nieminen, Pekka J.
- Sano, Yuji. *The best constant of the Moser-Trudinger inequality on  $S^2$* , 3477
- dos Santos, Pedro F. and Lima-Filho, Paulo. *Quaternionic algebraic cycles and reality*, 4701
- Satoh, Shin and Shima, Akiko. *The 2-twist-spun trefoil has the triple point number four*, 1007
- Savo, Alessandro. *See* Guerini, Pierre
- Saxl, J. *See* Guralnick, R. M.

# INDEX TO VOLUME 356 (2004)

- Schaefer, Edward F. and Stoll, Michael. *How to do a  $p$ -descent on an elliptic curve*, 1209
- Scharlemann, Martin. *There are no unexpected tunnel number one knots of genus one*, 1385
- Scheiderer, Claus. *See* Fernando, José F.
- Schmidt, Bernhard. *See* Leung, Ka Hin
- Schnaubelt, Roland. *Parabolic evolution equations with asymptotically autonomous delay*, 3517
- Schoenfeld, Eric. *See* Corneli, Joseph
- Schwede, Stefan. *See* Benson, David
- Scorpan, Alexandru. *Spinors as automorphisms of the tangent bundle*, 2049
- Series, Caroline. *See* Díaz, Raquel
- Shapiro, Boris. *See* Postnikov, Alexander
- Sharp, Richard. *A local limit theorem for closed geodesics and homology*, 4897
- Sharp, Rodney Y. and Nossem, Nicole. *Ideals in a perfect closure, linear growth of primary decompositions, and tight closure*, 3687
- Shibata, T. *The steepest point of the boundary layers of singularly perturbed semilinear elliptic problems*, 2123
- Shima, Akiko. *See* Satoh, Shin
- Shin, Dong-Uy. *See* Kang, Seok-Jin
- Shlapentokh, Alexandra. *On Diophantine definability and decidability in some infinite totally real extensions of  $\mathbb{Q}$* , 3189
- Shlyakhtenko, Dimitri. *On the classification of full factors of type III*, 4143
- Shore, Richard A. *See* Miller, Russell G.
- Shparlinski, Igor E. *See* Garaev, Moubariz Z.
- Shumyatsky, Pavel. *Positive laws in fixed points*, 2081
- Shustin, Eugenii. *Analytic order of singular and critical points*, 953
- Smith, Karen E. *See* Hyry, Eero
- Smith, S. Paul. *Maps between non-commutative spaces*, 2927
- Sommese, Andrew J. *See* Di Rocco, Sandra
- . *See* Lanteri, Antonio
- Sormani, Christina and Wei, Guofang. *Universal covers for Hausdorff limits of noncompact spaces*, 1233
- Sperber, Steven. *See* Adolphson, Alan
- Spofford, C. H. *See* Bourdon, P. S.
- Springborn, Boris A. *See* Bobenko, Alexander I.
- Steinberg, B. *See* Auinger, K.
- Steinhurst, Benjamin. *See* Corneli, Joseph
- Stoll, Michael. *See* Schaefer, Edward F.
- Subramanian, S. *See* Biswas, Indranil
- Sun, Yeneng. *See* Loeb, Peter A.
- Svendsen, Anne Louise. *Automorphisms of subfactors from commuting squares*, 2515
- Sykitotis, Mihalis. *Stable representatives for symmetric automorphisms of groups and the general form of the Scott conjecture*, 2405
- Szymański, Wojciech. *See* Raeburn, Iain
- Taback, Jennifer. *See* Cleary, Sean
- Takagi, Shunsuke and Watanabe, Kei-ichi. *When does the subadditivity theorem for multiplier ideals hold?*, 3951
- Tang, Wai-Shing. *See* Aldroubi, Akram
- Taylor, B. A. *See* Braun, Rüdiger W.
- Temme, Nico M. *See* López, José L.
- Terracini, Susanna. *See* Conti, Monica
- Tertikas, A. *See* Barbatis, G.
- Teufel, Elmar. *See* Krön, Bernhard
- Thomsen, Klaus. *On the structure of a sofic shift space*, 3557
- Tiep, Pham Huu. *See* Guralnick, Robert M.
- . *See* Kleshchev, Alexander S.
- To, Wing-Keung and Weng, Lin.  *$L^2$ -metrics, projective flatness and families of polarized abelian varieties*, 2685
- Tojeiro, Ruy. *See* Gorodski, Claudio



# INDEX TO VOLUME 356 (2004)

- Toledo, Domingo. *See* Carlson, James A.
- Tretter, C. *See* Kopachevsky, N. D.
- Troitsky, Evgenij. *See* Nistor, Victor
- Tsau, Chichen M. *See* Hebda, James J.
- Tzermias, Pavlos. *Low-degree points on Hurwitz-Klein curves*, 939
- Uguzzoni, Francesco. *See* Bonfiglioli, Andrea
- Vénéreau, Stéphane. *See* Kaliman, Shulim
- Vernicos, Constantin. *See* Nagy, Paul-Andi
- Vertigan, Dirk. *Latroids and their representation by codes over modules*, 3841
- Verzini, Gianmaria. *See* Conti, Monica
- Vulakh, L. Ya. *Units in some families of algebraic number fields*, 2325
- Walker, Mark E. *Thomason's theorem for varieties over algebraically closed fields*, 2569
- Wang, Gang. *See* Jones, Roger L.
- Wang, Julie Tzu-Yueh. *See* Hsia, Liang-Chung
- . *See* Ru, Min
- Wang, Shicheng. *See* Jiang, Boju
- Wang, Sung Ho. *Conservation laws for a class of third order evolutionary differential systems*, 4055
- Wang, Weiqiang. *See* Li, Wei-Ping
- Wanner, Thomas. *Maximum norms of random sums and transient pattern formation*, 2251
- Watanabe, Kei-ichi. *See* Takagi, Shunsuke
- Weber, Eric. *See* Aldroubi, Akram
- Wehrung, F. *Semilattices of finitely generated ideals of exchange rings with finite stable rank*, 1957
- Wei, Guofang. *See* Sormani, Christina
- Weickert, Brendan. *Spectral properties and dynamics of quantized Henon maps*, 4951
- Weng, Lin. *See* To, Wing-Keung
- Williams, Michael E. *See* Kantor, William M.
- Wolpert, Scott A. *Asymptotic relations among Fourier coefficients of automorphic eigenfunctions*, 427
- Wu, Hongyou. *See* Haertzen, Kevin
- Xiao, Ti-Jun and Liang, Jin. *Second order parabolic equations in Banach spaces with dynamic boundary conditions*, 4787
- Yang, Deane. *See* Lutwak, Erwin
- Yang, Yue. *See* Jockusch, Carl G., Jr.
- Yasuhara, Akira. *See* Przytycki, Józef H.
- Ye, Zhuang. *An analogue of continued fractions in number theory for Nevanlinna theory*, 4829
- Young, N. J. *See* Agler, Jim
- Yui, Noriko. *See* Fukuhara, Shinji
- Zaicev, M. V. *See* Bahturin, Yu. A.
- Zaidenberg, Mikhail. *See* Kaliman, Shulim
- Zaitsev, Dmitri and Zampieri, Giuseppe. *Extension of CR-functions into weighted wedges through families of nonsmooth analytic discs*, 1443
- Zampieri, Giuseppe. *See* Zaitsev, Dmitri
- Zettl, Anton. *See* Haertzen, Kevin
- Zhang, Gaoyong. *See* Lutwak, Erwin
- Zhang, Zhixiang. *See* Loeb, Peter A.



